

Appendix A

Applicants submit the following currently amended claims without amendment mark-ups for the convenience of the Examiner.

2. (Three Times Amended) A method of transmitting signals comprising the steps of:

inputting a signal and a transmission schedule associated with said signal, said transmission schedule including code designating said signal and at least one of:

- (1) a time at which to transmit said signal; and
- (2) one of a frequency and an output network on which to transmit said signal;

transmitting said signal according to said transmission schedule;

selecting one of said code and an identifier associated with said signal; and

logging transmission of said signal.

3. (Twice Amended) A method of processing signals to control a plurality of receiver stations, each receiver station having a processor, said method comprising the steps of:

receiving an information transmission and communicating said information transmission to a storage device;

receiving a control signal which is effective to control a first of said plurality of receiver stations to transmit said information transmission and to control a second of said plurality of receiver stations to identify and process at least a portion of said transmitted information transmission;

selecting one of the group consisting of:

- (1) a time at which to communicate said control signal; and
- (2) a storage location to which to communicate said control signal;

communicating said control signal based on said step of selecting; and
storing said information transmission and said control signal at said storage device.

4. (Twice Amended) The method of claim 3, further comprising one of the steps of:

embedding said control signal in said information transmission;

embedding a code in said information transmission that enables a processor to control a presentation of mass medium programming contained in said information transmission in accordance with said control signal;

communicating a program unit identification code to said storage device and storing said program unit identification code at a storage location associated with said information transmission;

communicating to and storing at said storage device some information to evidence one of an availability, use, and usage of one of said information transmission and mass medium programming contained in said information transmission at a user station;

communicating to and storing at said storage device a second control signal which is effective at a user station to generate some output to be associated with one of said information transmission and mass medium programming contained in said information transmission;

communicating to and storing at said storage device a second control signal which is effective to generate some output to be associated with one of a product, service, and an information presentation;

communicating to and storing at said storage device a second control signal which is effective to display one of a combined and a sequential presentation of a mass medium program and a user specific datum;

communicating to and storing at said storage device a second control signal which is effective to process a user reaction to mass medium programming contained in said information transmission;

communicating to and storing at said storage device a second control signal which is effective to one of communicate to a remote station a query in respect of information to be associated with said information transmission, and to enable display of mass medium programming contained in said information transmission;

communicating to and storing at said storage device a second control signal which is effective to control a user station to receive information to supplement one of said information transmission and mass medium programming contained in said information transmission;

communicating to and storing at said storage device a second control signal which is effective to process a digital signal which contains television programming; and

communicating to and storing at said storage device one of a code and a datum to serve as a basis for one of enabling an output device to display at least a portion of mass medium programming contained in said information transmission, and for enabling a processor to process executable code.

5. (Twice Amended) The method of claim 3, wherein said selected memory location is within said information transmission at said storage device, said method further comprising the step of storing some information at said storage device that evidences at least one of:

- (1) a title of a television program;
- (2) a proper use of programming;
- (3) a transmission station;
- (4) a receiver station;
- (5) a network;

- (6) a broadcast station;
- (7) a channel on a cable system;
- (8) a time of transmission;
- (9) a identification of an instruct signal;
- (10) a source or supplier of data;
- (11) a distributor or an advertisement; and
- (12) an indication of copyright.

6. (Twice Amended) The method of claim 3, said method further comprising the steps of:

selecting one from the group consisting of:

- (1) a datum that identifies a unit of computer software in said information transmission;
- (2) a datum that specifies some of a way to instruct receiver equipment what specific programming to one of:
 - select to one of play and record other than that immediately at hand;
 - load on one of player and recorder equipment;
 - instruct when and how to one of play and record other than immediately;
 - instruct how to modify said specific programming;
 - instruct one of what equipment, channel and channels to transmit said specific programming on;
 - instruct when to transmit said specific programming; and
 - instruct how and where to one of file, refile and dispose of said specific programming;
- (3) a datum that designates an addressed apparatus;

- (4) a datum that specifies one of where, when, and how to locate a signal;
- (5) a datum that informs a processor of a fashion for identifying and processing a signal;
- (6) a datum that is part of a decryption code;
- (7) a comparison datum that designates a communication schedule; and embedding said selected one in said information transmission.

7. (Once Amended) The method of claim 3, wherein said storage device comprises a file storage medium and said information transmission and said control signal are stored in a file on said file storage medium, said method further comprising the steps of:

selecting a second control signal, said second control signal being one from the group consisting of:

- (1) a switch control signal;
- (2) a timing control signal;
- (3) a locating control signal;
- (4) an instruct-to-contact signal that designates a remote receiver station;
- (5) an instruct-to-transfer signal that designates a unit of broadcast or cablecast programming;
- (6) an instruct-to-delay signal that designates a unit of broadcast or cablecast programming;
- (7) an instruct-to-decrypt or instruct-to-interrupt signal that designates a unit of programming and a way to decrypt or interrupt;
- (8) an instruct-to-enable or instruct-to-disable signal that designates an apparatus;

- (9) an instruct-to-record signal that designates a broadcast or cablecast program;
- (10) an instruction signal that controls a multimedia presentation;
- (11) an instruction signal that governs a broadcast or cablecast receiver station environment;
- (12) an instruct-to-power-on signal that designates a receiver;
- (13) an instruct-to-tune signal that designates a receiver or a frequency;
- (14) an instruct-to-coordinate signal that designates two apparatus;
- (15) an instruct-to-compare signal that designates a news transmission or a computer input;
- (16) an identifier signal that causes a computer to instruct a plurality of tuners each to tune to a broadcast or cablecast transmission;
- (17) an instruct-to-coordinate signal that designates two units of multimedia information and one of: (1) an output time and (2) an output place;
- (18) an instruct-to-generate signal that designates an output datum;
- (19) an instruct-to-transmit signal that designates a computer output;
- (20) an instruct-to-overlay signal that designates a video image;
- (21) an instruct-that-if signal that designates a function to perform if a predetermined condition exists;
- (22) an instruct-to-enable-and-deliver signal that designates information that supplements a video image;
- (23) an instruct-to-transmit signal that designates a computer peripheral storage device;
- (24) a code signal that designates a datum to remove or embed; and
- (25) a signal addressed to a receiver station apparatus; and

storing said selected second control signal in said file on said file storage medium.

8. (Twice Amended) A method of encoding signals to control a plurality of receiver stations comprising the steps of:

receiving and storing a first information transmission containing one of a video image and audio;

receiving a second information transmission, wherein said second information transmission which is effective to control a first of said plurality of receiver stations to transmit said first information transmission and to control a second of said plurality of receiver stations to identify and process at least a portion of said transmitted first information transmission;

encoding said second information transmission into a control signal, said control signal for controlling predetermined receiver stations of said plurality of receiver stations by processing locally stored receiver station specific data; and

storing said control signal from said step of encoding.

9. (Twice Amended) The method of claim 8, wherein said control signal from said step of encoding directs a processor to process supplemental program material and generate a video overlay that is presented with said one of a video image and audio, said method further comprising one step of the group consisting of:

storing said supplemental program material in conjunction with said control signal; and

storing a second control signal in conjunction with said control signal from said step of encoding, said second control signal having effect at a user station to one of query a remote station and receive said supplemental program material in one of a broadcast and a cablecast transmission.

10. (Once Amended) The method of claim 8, wherein said control signal from said step of encoding directs a processor to generate a video overlay that is

coordinated with said one of a video image and audio, said method further one step of the group consisting of:

transmitting a combined signal from said one of a video image and audio and said video overlay generated by said processor over a broadcast or cablecast network to a plurality of receiver stations; and

outputting said one of a video image and audio and said video overlay generated by said processor at a co-located video display.

11. (Twice Amended) The method of claim 8, further comprising the steps of:

receiving an instruction, said instruction being one of the group consisting of:

(1) an instruction which is effective at a user station to generate some output to be associated with said one of a video image and audio;

(2) an instruction which is effective at a user station to generate some output to be associated with a product, service, or information presentation;

(3) an instruction which is effective at a user station to display one of a combined and a sequential presentation of a mass medium program and a user specific datum;

(4) an instruction which is effective at a user station to process a user reaction to said one of a video image and audio;

(5) an instruction which is effective at a user station to communicate to a remote station a query in respect of information to one of be associated with said one of a video image and audio and to enable display of said one of a video image and audio;

(6) an instruction which is effective at a user station to control a user station to receive information to supplement said one of a video image and audio;

(7) an instruction which is effective at a user station to process a digital signal which contains television programming; and

(8) an instruction which is effective at a user station to serve as a basis for enabling an output device to one of display at least a portion of said one of a video image and audio and for enabling a processor to process executable code;

encoding said instruction, said second step of encoding translating said instruction to a second control signal, said second control signal for directing one of said said plurality of receiver stations to perform said specified second effect indicated by said instruction with said one of a video image and audio; and

storing said second control signal from said second step of encoding in conjunction with said one of a video image and audio.

12. (Twice Amended) The method of claim 8, further having one the group consisting of:

embedding said control signal in the non-visible portion of a television signal;

embedding code in said one of a video image and audio that enables one of a computer and a controller to control a presentation of said one of a video image and audio in accordance with said control signal;

communicating a program unit identification code and storing said program unit identification code at a storage location associated with said one of a video image and audio; and

communicating to and storing at a storage location associated with said one of a video image and audio a portion of information to evidence one of an availability, use, and a usage of said one of a video image and audio at a user station.

13. (Twice Amended) A method of communicating data to a network of data receiver stations each of which includes a data receiver, a data storage device, a control signal detector, a computer capable of processing said data, with each of said data receiver stations adapted to detect and respond to at least one control signal and to store said data for subsequent processing, and with at least one of said data receiver stations further including a transmitter, said method comprising the steps of:

receiving said data to be transmitted from at least one origination station;

receiving said at least one control signal to be transmitted from said origination station, wherein said at least one control signal is effective in said network to control a first of said data receiver stations to transmit said data and to control a second of said data receiver stations to identify and process at least a portion of said transmitted data; and

transmitting an information transmission from said origination station comprising said received data and said received at least one control signal.

14. (Twice Amended) The method of claim 13, wherein one of (i) identification data and (ii) said at least one control signal is embedded in a television signal containing said data.

15. (Twice Amended) The method of claim 13, wherein two of said plurality of receiver stations stores said at least one instruct signal.

16. (Twice Amended) The method of claim 13, wherein each of said plurality of receiver stations responds to said at least one control signal at a different time.

17. (Twice Amended) The method of claim 13, further comprising the steps of receiving said data at a receiver, communicating said data from said receiver to a memory location, and storing said data at said memory location for a period of time prior to communicating said data to one of said transmitter.

18. (Twice Amended) A method of communicating mass medium programming to a network of programming receiver stations each of which includes a programming receiver, an output device, a control signal detector, a processor operatively connected to said output device, with each of said programming receiver stations adapted to detect and respond to at least one control signal, and with at least one of said programming receiver stations further including a transmitter, said method comprising the steps of:

receiving mass medium programming to be transmitted from an origination station;

receiving at least one control signal to be transmitted from said origination station, wherein said at least one control signal is effective in said network to control a first of said programming receiver stations to transmit said mass medium programming and to control a second of said programming receiver stations to identify and process at least a portion of said transmitted mass medium programming; and

transmitting an information transmission from said origination station comprising said received mass medium programming and said received at least one control signal.

19. (Twice Amended) The method of claim 18, wherein one of (i) identification data and (ii) said at least one instruct signal is embedded in a mass medium program signal containing said mass medium programming.

20. (Twice Amended) The method of claim 18, wherein two of said receiver stations store said at least one instruct signal concurrently.

21. (Twice Amended) The method of claim 18, wherein each of said plurality of receiver stations responds to said at least one control signal at a different time.

22. (Twice Amended) The method of claim 18, further comprising the steps of receiving said mass medium programming at a receiver in a transmitter station, communicating said mass medium programming from said receiver to a memory location, and storing said mass medium programming at said memory location for a period of time prior to communicating said mass medium programming to said transmitter.

23. (Twice Amended) A method of controlling a network of receiver stations each of which includes a signal receiver, a signal detector, said signal detector adapted to receive signals from an information transmission, and a processor programmed to respond to signals from said detector, with at least one of said receiver stations further including a transmitter, said method comprising the steps of:

receiving at least one control signal to be transmitted from an origination station, said at least one control signal effective in said network to control a first of said receiver stations to transmit said information transmission and to control a second of receiver stations to identify and process at least a portion of said transmitted information transmission;

receiving at least one designation signal to be transmitted from said origination station, said at least one designation signal designating at least one receiver station of said network of receiver stations to which said at least one control signal is addressed; and

transmitting said information transmission from said origination station, said information transmission comprising said received at least one control signal and said received at least one designation signal.

24. (Twice Amended) The method of claim 23, wherein a portion of one of said at least one control signal and said at least one designation signal is embedded in a non-visible portion of one of a television signal and one of a multichannel broadcast and a multichannel cablecast signal which contains video.

25. (Once Amended) A method of processing signals in a network, said network having at least one transmitter station and at least one receiver station, said method comprising the steps of:

inputting a signal and a transmission schedule associated with said signal, said schedule comprising at least one of:

- (1) a time at which to transmit said signal; and
- (2) one of a frequency and an output network on which to transmit said signal;

transmitting said signal according to said schedule;

selecting at least a portion of information communicated one of to said transmitter and from said transmitter; and

comparing said selected at least a portion of information to information of said schedule, thereby to determine proper transmission of said signal according to said schedule;

wherein said method processes signals in said network.

26. (Once Amended) A method of transmitting signals in a network, said network having a transmitter station and a receiver station, said method comprising the steps of:

inputting a signal and a transmission schedule associated with said signal, said schedule including at least one of:

- (1) a time at which to transmit said signal; and
- (2) one of a frequency and an output network on which to transmit said signal;

transmitting said signal according to said schedule;

selecting a portion of said signal; and

comparing said selected portion of said signal to information stored in said network; and

determining one of a transmission time and a transmission location of said signal.

27. (Once Amended) The method of claim 3, wherein said control signal controls said first of said plurality of receiver stations to compare said information transmission to a programming schedule and to transmit said information transmission according to said programming schedule.

28. (Once Amended) The method of claim 3, wherein said control signal transmits said information transmission according to a programming schedule and logs transmission of said information transmission.

29. (Once Amended) The method of claim 3, wherein said control signal transmits said information transmission according to a programming schedule and generates statistics pertaining to said information transmission.

30. (Once Amended) The method of claim 3, wherein said control signal transmits said information transmission according to a programming schedule and identifies content of said information transmission.

31. (Once Amended) A method of processing a signal in a system comprising a transmitter station and a receiver station, said method comprising the steps of:

inputting to said transmitter station said signal and a transmission schedule associated with said signal, said signal including a first identifier, said schedule including a second identifier and at least one of:

- (1) a time at which to transmit said signal; and
- (2) one of a frequency and an output network on which to transmit said signal;

transmitting said signal to said receiver station according to said schedule based on a comparison of said first identifier and said second identifier;

selecting a portion of said signal at said receiver station; and

inputting said selected portion of said signal to a processor for gathering statistics on programming availability, use or usage.

32. (Once Amended) The method of claim 3, wherein said control signal transmits said information transmission according to a programming schedule and outputs an identifier of said information transmission to a remote data collection station.

33. (Once Amended) The method of claim 3, wherein said control signal identifies content of said information transmission and controls a switch to communicate said content.

34. (Once Amended) The method of claim 3, wherein said control signal identifies content of said information transmission and delays transmission of said content.

35. (Once Amended) The method of claim 3, wherein said control signal selects a storage location and stores a portion of said information transmission at said selected storage location.

36. (Once Amended) A method of processing a signal in a system having a transmitter station and a receiver station, said method comprising the steps of:

inputting said signal at said transmitter station, said signal including programming and an identifier;

inputting a schedule at said transmitter station, said schedule including at least one of:

- (1) a time at which to transmit a portion of said signal; and
- (2) one of a frequency and an output network on which to transmit a portion of said signal;

transmitting said portion of signal from said transmitter station according to said schedule based on a comparison performed with said identifier;

processing said signal to gather at least one statistic on availability, use or usage of said programming at said receiver station; and

identifying one of said signal and content of said signal at said receiver station on the basis of said identifier.

37. (Once Amended) The method of claim 3, wherein control signal further delays transmission of said information transmission.

38. (Once Amended) The method of claim 3, wherein said control signal further controls said second of said plurality of receiver stations to receive said information transmission.

39. (Once Amended) The method of claim 3, wherein said control signal transmits said information transmission according to a transmission schedule and controls said second of said plurality of receiver stations to store said information transmission.

40. (Once Amended) The method of claim 3, wherein said control signal transmits said information transmission at a specific time and generates and outputs information.

41. (Once Amended) A method of communicating a plurality of signals, said method comprising the steps of:

inputting a signal, said signal including programming and an identifier;

inputting a schedule including a designation for each of said plurality of signals at least one of

(1) an approximate transmission time, and

(2) one of a transmission frequency and an output network;

transferring said signal to a distribution system of a transmission station according to said schedule;

identifying one of said signal based on said identifier; and

outputting said identifier from a storage location to a remote location.

42. (Once Amended) The method of claim 3, wherein said control signal further generates information to complete said information transmission and outputs said generated information with said information transmission.

43. (Once Amended) The method of claim 3, wherein control signal transmits said information transmission according to a programming schedule and processes a response to information contained in said information transmission.

44. (Once Amended) The method of claim 3, wherein said control signal transmits said information transmission according to a programming schedule and controls the output of said information transmission at said second of said plurality of receiver stations.

45. (Once Amended) The method of claim 3, wherein said control signal decrypts a portion of said information transmission and controls the output of said information decrypted in said information transmission.

46. (Once Amended) A method of transmitting one of a plurality of signals comprising the steps of:

inputting a signal, said signal including programming and an identifier;

inputting a schedule to a controller for controlling a transmission station, said schedule including for each of said plurality of signals at least one of

(1) an approximate transmission time; and

(2) one of a transmission frequency and an output network;

transmitting said signal according to said schedule;

identifying said signal at a receiver station on the basis of said identifier; and

outputting said identifier to a remote location.

47. (Once Amended) The method of claim 3, wherein said control signal transmits said information transmission according to a schedule and outputs said information transmission as a portion of a multimedia presentation.

48. (Once Amended) The method of claim 3, wherein said first of said plurality of receiver stations and said second of said plurality of receiver stations each identify content of said information transmission by processing said control signal, said method further comprising the step of including an identifier in said control signal.

49. (Once Amended) The method of claim 48, wherein said identifier identifies one of television and radio programming, said method further comprising the step of including said one of television and radio programming in said information transmission.

50. (Once Amended) The method of claim 48, wherein said identifier identifies one of video and audio, said method further comprising the step of including said one of video and audio in said information transmission.

51. (Once Amended) The method of claim 48, wherein said identifier identifies one of a datum and an instruction, said method further comprising the step of including said one of a datum and an instruction in said information transmission.

52. (Once Amended) The method of claim 3, wherein said first of said plurality of receiver stations and said second of said plurality of receiver stations each monitor one of availability, use, and usage of content of said information transmission, said method further comprising the step of including in said information transmission a portion of information to be processed that identifies said content of said information transmission.

53. (Once Amended) The method of claim 52, wherein said portion of information is stored at said storage device based on said step of communicating, said method further comprising the step of including said control signal in said information transmission before storing said control signal.

54. (Once Amended) The method of claim 53, wherein said portion of information includes code which is operative to control said processor at each of said plurality of receiver stations, said method further comprising the step of including said code in said control signal.

55. (Once Amended) The method of claim 3, wherein one of said first of said plurality of receiver stations and said second of said plurality of receiver stations is programmed to process said control signal based on one of a transmission location and time and wherein said step of communicating comprises inputting said control signal to said storage device in a fashion which enables said storage device to output said control signal in said one of a transmission location and time.

56. (Once Amended) The method of claim 55, wherein said one of said first of said plurality of receiver stations and said second of said plurality of receiver stations is programmed to process said control signal based on one of an interval of time and a predetermined time.

57. (Once Amended) The method of claim 55, wherein said one of said first of said plurality of receiver stations and said second of said plurality of receiver stations is programmed to process said control signal based on a location in said information transmission.

58. (Once Amended) The method of claim 57, further comprising the step of embedding said control signal in said information transmission.

59. (Once Amended) The method of claim 57, further comprising the step of performing said step of encoding before a portion of said information transmission is communicated to said storage device.

60. (Once Amended) The method of claim 3, further comprising the step of:
including in one of said information transmission and said control signal a first portion of information which enables one of said plurality of receiver stations to select one of a second portion of information and a device to which to communicate a second portion of information.

61. (Once Amended) The method of claim 60, further comprising the steps of:

communicating said second portion of information to said storage device; and
storing said second portion of information at said storage device.

62. (Once Amended) The method of claim 61, wherein said device to which to communicate said second portion of information comprises a computer and said second portion of information includes a first instruction to be communicated to said computer, said method further comprising the step of including said second portion of information in said control signal.

63. (Once Amended) The method of claim 62, wherein signal content enables said one of said plurality of receiver stations to communicate to a remote station information evidencing one of (i) receipt of a portion of said information transmission and (ii) a function performed in response to a portion of said information transmission, said method further comprising the step of including said signal content in one of said information transmission and said control signal.

64. (Once Amended) A method of communicating a signal comprising the steps of:

inputting a signal, said signal including (i) specific programming including one of video, audio and data programming and (ii) an embedded identifier;

inputting said signal to a switch and a processor;

determining said specific programming inputted to said switch;

controlling said switch to communicate said specific programming according to timing instructions; and

delaying communication of said signal.

65. (Once Amended) A method of processing signals comprising the steps of:

inputting a plurality of signals to a transmission station, wherein each of said plurality of signals includes (i) one of specific video programming, audio programming, and data programming and (ii) an identifier;

inputting at said transmission station each of said plurality of signals to a switch having a plurality of output channels;

processing each signal of said plurality of signals to determine that each of said one of specific video programming, audio programming, and data programming is input to said switch;

comparing said identifier of each signal of said plurality of signals to predetermined data to determine when to transmit each signal of said plurality of signals; and

communicating an instruction to delay communication of one signal of said plurality of signals.

66. (Once Amended) The method of claim 63, wherein said first portion of information controls said one of said plurality of receiver stations and said signal content is communicated to said remote station, said method further comprising one step from the group consisting of:

including an identifier in said signal content;

including said signal content in said first portion of information; and

including said first portion of information in said control signal.

67. (Once Amended) The method of claim 60, wherein said one of said plurality of receiver stations includes a computer and a plurality of first instructions program said computer to respond to one of a command and a second instruction, said method further comprising one step of the group consisting of:

storing said plurality of first instructions at said storage device; and

storing said one of a command and a second instruction at said storage device.

68. (Once Amended) The method of claim 3, wherein said control signal controls said first of said plurality of receiver stations to transmit said information transmission to said second of said plurality of receiver stations to control said second of said plurality of receiver stations.

69. (Once Amended) The method of claim 8, wherein said control signal controls said first of said plurality of receiver stations to compare said first information transmission to a programming schedule and to transmit said first information transmission according to said programming schedule.

70. (Once Amended) A method of communicating a signal comprising the steps of:

inputting a signal to a switch at a transmission station, said signal including an identifier and one of video and audio, said switch having a plurality of output channels;

comparing said identifier to a predetermined datum to determine one of (i) a time to transmit said signal and (ii) whether to delay transmission of said signal;

selecting a storage location; and

communicating said signal to said selected storage location.

71. (Once Amended) The method of claim 8, wherein said control signal transmits said first information transmission according to a programming schedule and logs transmission of said first information transmission.

72. (Once Amended) The method of claim 8, wherein said control signal transmits said first information transmission according to a programming schedule and generates statistics of said first information transmission.

73. (Once Amended) The method of claim 8, wherein said control signal transmits said first information transmission according to a programming schedule and identifies the content of said first information transmission.

74. (Once Amended) The method of claim 8, wherein said control signal transmits said first information transmission according to a programming schedule and outputs an identifier of said first information transmission to a remote data collection station.

75. (Once Amended) A method of processing a plurality of signals comprising the steps of:

inputting said plurality of signals at a transmission station, each signal of said plurality of signals comprising an identifier and at least one of video programming, audio programming and data programming;

inputting said plurality of signals to a switch having a plurality of output channels;

processing each of said plurality of signals to determine (i) which of said at least one of video programming, audio programming and data programming is input to said switch and (ii) when to transmit each of said plurality of signals;

transmitting said plurality of signals to a processor in a distribution system, said processor having a plurality of output ports;

communicating said plurality of signals to at least one remote location;

determining that transmission of a specific signal of said plurality of signals should be delayed;

selecting a storage location; and

communicating said specific signal to said selected storage location.

76. (Once Amended) The method of claim 8, wherein said control signal identifies content of said first information transmission and controls a switch to communicate said content.

77. (Once Amended) The method of claim 8, wherein said control signal identifies content of said first information transmission and delays transmission of said content.

78. (Once Amended) The method of claim 8, wherein said control signal selects a storage location and stores a portion of said first information transmission at said selected storage location.

79. (Once Amended) The method of claim 8, wherein control signal further delays transmission of said first information transmission.

80. (Once Amended) A method of processing signals in a system including a transmission station and a receiver station, said method comprising the steps of:

programming said receiver station to store user data and select said signals on the basis of said user data;

inputting a programming signal and a comparison signal at said transmission station, said comparison signal designating a transmission schedule;

inputting said transmission schedule, said transmission schedule comprising for each of said signals at least two of:

- (1) a transmission time;
 - (2) an identifier for one of a transmission frequency and an output network;
- and
- (3) a signal identifier;

transmitting said programming signal and said comparison signal from said transmission station in accordance with said transmission schedule based on said comparison signal;

selecting information detected in one of said programming signal and said comparison signal at said receiver station;

comparing said selected information to said user data; and

receiving a portion of an information transmission containing said programming signal and said comparison signal at said receiver station based on said step of comparing.

81. (Once Amended) The method of claim 8, wherein said control signal further controls said second of said plurality of receiver stations to receive said first information transmission.

82. (Once Amended) The method of claim 8, wherein said control signal transmits said first information transmission according to a transmission schedule and controls said second of said plurality of receiver stations to store said first information transmission.

83. (Once Amended) The method of claim 8, wherein said control signal transmits said first information transmission at a specific time and generates information and outputs information.

84. (Once Amended) The method of claim 8, wherein said control signal further generates information to complete said first information transmission and outputs said generated information with said first information transmission.

85. (Once Amended) A method of processing a plurality of signals in a system including a transmission station and a receiver station, wherein said receiver station is remote from said transmission station, said method comprising the steps of:

programming said receiver station to store user data;

inputting said plurality of signals to said transmission station;

inputting a transmission schedule associated with said plurality of signals, said transmission schedule identifying a specific schedule for each of said plurality of

signals, each said specific schedule designating for one of said plurality of signals at least two of:

- (1) a transmission time;
- (2) one of a transmission frequency and an output network; and
- (3) an identifier;

transmitting one of said plurality of signals in accordance with said transmission schedule;

causing said receiver station to store one of said plurality of signals based on said user data.

86. (Once Amended) The method of claim 8, wherein control signal transmits said first information transmission according to a programming schedule and processes a response to information contained in said first information transmission.

87. (Once Amended) A method of communicating a plurality of signals in a network, said network including a transmission station and a remote receiver station, said method comprising the steps of:

inputting said plurality of signals at said transmission station;

inputting a communication schedule associated with said plurality of signals, said communication schedule designating for each signal of said plurality of signals at least two of:

- (1) a transmission time;
- (2) one of a transmission frequency and an output network; and
- (3) a designation code;

communicating each signal of said plurality of signals in accordance with said communication schedule;

inputting a portion of said plurality of signals to a computer at a time when specific information content does not exist;

generating said specific information content in response to said inputted portion of said plurality of signals; and

causing said receiver station to output said specific information content.

88. (Once Amended) A method of generating information content in a network, said network including a transmission station and a remote receiver station, said method comprising the steps of:

inputting a control signal at said transmission station;

inputting a schedule associated with said control signal, said schedule designating two of:

- (1) a transmission time;
- (2) one of a transmission frequency and an output network; and
- (3) an identifier;

communicating said control signal in accordance with said schedule at a time when information content does not exist;

inputting said control signal to a computer based on said step of communicating;

generating said information content in response to said control signal, said information content including one of video and a graphic; and

causing a signal generator to add one of said control signal and said generated information content to an output containing television programming at one of said transmission station and said remote receiver station.

89. (Once Amended) The method of claim 8, wherein said control signal transmits said first information transmission according to a programming schedule and controls the output of said first information transmission at said second of said plurality of receiver stations.

90. (Once Amended) The method of claim 8, wherein said control signal decrypts a portion of said first information transmission.

91. (Once Amended) The method of claim 8, wherein said control signal transmits said first information transmission according to a schedule and outputs said first information transmission as a portion of a multimedia presentation.

92. (Once Amended) The method of claim 8, wherein said first of said plurality of receiver stations and said second of said plurality of receiver stations each identify content of said first information transmission by processing said control signal, said method further comprising the step of including an identifier in said control signal.

93. (Once Amended) A method of processing signals in a network including a transmitter station and a user station, said user station having a processor, said method comprising the steps of:

inputting a plurality of signals at said transmitter station, said plurality of signals including a programming signal and a processor instruction;

inputting a schedule associated with said plurality of signals, said schedule including a designation for each of said plurality of signals of at least two of:

- (1) a transmission time;
- (2) one of a transmission frequency and an output network; and
- (3) an identifier;

communicating said programming signal in accordance with said schedule;

receiving said plurality of signals at said user station and outputting programming contained in said programming signal;

inputting a user response to information contained in said programming signal;
and
processing said user response in accordance with said processor instruction.

94. (Once Amended) The method of claim 92, wherein said identifier identifies one of television and radio programming, said method further comprising the step of including said one of television and radio programming in said first information transmission.

95. (Once Amended) The method of claim 92, wherein said identifier identifies one of video and audio, said method further comprising the step of including said one of video and audio in said first information transmission.

96. (Once Amended) The method of claim 92, wherein said identifier identifies one of a datum and an instruction, said method further comprising the step of including said one of a datum and an instruction in said first information transmission.

97. (Once Amended) The method of claim 8, wherein said first of said plurality of receiver stations and said second of said plurality of receiver stations each monitor one of availability, use, and usage of content of said first information transmission, said method further comprising the step of including in one of said first information transmission and said second information transmission a portion of information to be processed that identifies said content of said information transmission.

98. (Once Amended) A method of processing a plurality of signals in a system, wherein said system includes a transmission station and a remote receiver station, said method comprising the steps of:

inputting to said system said plurality of signals, wherein said plurality of signals includes multimedia signals, wherein said multimedia signals include (i) one of

video programming and audio programming and (ii) one of computer programming and programming to be printed;

inputting said multimedia signals to one of a switch and a processor at said transmission station;

controlling said one of a switch and a processor to communicate said multimedia signals to said remote receiver station according to a timing instruction;

determining one of a programming kind and subject matter contained in said multimedia signals;

delaying one of processing and communication of a portion of said multimedia signals; and

outputting a multimedia presentation based on said multimedia signals.

99. (Once Amended) The method of claim 97, wherein said portion of information is stored at a storage device based on said step of encoding, said method further comprising the step of including said portion of information in said second information transmission before storing said control signal.

100. (Once Amended) The method of claim 99, wherein said portion of information includes code which is operative to control a processor at each of said plurality of receiver stations.

101. (Once Amended) The method of claim 8, wherein one of said first of said plurality of receiver stations and said second of said plurality of receiver stations is programmed to process said control signal based on one of a transmission location and time and wherein said step of communicating comprises inputting said control signal to a storage device in a fashion which enables said storage device to output said control signal in said one of a transmission location and time.

102. (Once Amended) The method of claim 101, wherein said one of said first of said plurality of receiver stations and said second of said plurality of receiver

stations is programmed to process said control signal based on one of an interval of time and a predetermined time.

103. (Once Amended) A method of processing signals in a network, said network including a transmitter station and a receiver station, said method comprising the steps of:

inputting a plurality of signals to one of a switch and a computer at said transmitter station, wherein said plurality of signals include multimedia signals, each of said multimedia signals including at least one of video, audio and data programming;

controlling said one of a switch and a computer to communicate said plurality of signals to said receiver station in accordance with a timing instruction;

decrypting one of said plurality of signals;

passing said plurality of signals selectively to a processor at said receiver station;
and

outputting a multimedia presentation at said receiver station based on said multimedia signals.

104. (Once Amended) The method of claim 101, wherein said one of said first of said plurality of receiver stations and said second of said plurality of receiver stations is programmed to process said control signal based on a location in said first information transmission.

105. (Once Amended) The method of claim 104, further comprising the step of embedding said control signal in said first information transmission.

106. (Once Amended) The method of claim 104, further comprising the step of performing said step of encoding before a portion of said first information transmission is communicated to said storage device.

107. (Once Amended) The method of claim 8, further comprising the step of:

including in one of said first information transmission and said control signal a first portion of information which enables one of said plurality of receiver stations to select one of a second portion of information and a device to which to communicate a second portion of information.

108. (Once Amended) A method of processing signals in a network, said network including a transmitter station and a receiver station, said method comprising the steps of:

inputting a plurality of signals to one of a switch and a computer at said transmitter station, wherein said plurality of signals includes two of video, audio and data programming;

controlling said one of a switch and a computer to communicate said plurality of signals to said receiver station in accordance with a timing instruction;

passing said plurality of signals selectively to a processor at said receiver station;

controlling said processor on the basis of information contained in said plurality of signals; and

outputting a multimedia presentation at said receiver station based on said step of controlling said processor.

109. (Once Amended) The method of claim 107, further comprising the steps of:

communicating said second portion of information to said storage device; and

storing said second portion of information at said storage device.

110. (Once Amended) The method of claim 109, wherein said device to which to communicate said second portion of information comprises a computer and said second portion of information includes a first instruction to be communicated to said computer, said method further comprising the step of including said second portion of information in said control signal.

111. (Once Amended) The method of claim 110, wherein signal content enables said one of said plurality of receiver stations to communicate to a remote station information evidencing one of (i) receipt of a portion of said first information transmission and (ii) a function performed in response to a portion of said first information transmission, said method further comprising the step of including said signal content in one of said first information transmission and said control signal.

112. (Once Amended) The method of claim 111, wherein said first portion of information controls said one of said plurality of receiver stations and said signal content is communicated to said remote station, said method further comprising one step from the group consisting of:

including an identifier in said signal content;

including said signal content in said first portion of information; and

including said first portion of information in said control signal.

113. (Once Amended) The method of claim 107, wherein said one of said plurality of receiver stations includes a computer and a plurality of first instructions program said computer to respond to one of a command and a second instruction, said method further comprising the steps of:

communicating said plurality of instructions to a storage device; and

storing said plurality of instructions at said storage device.

114. (Once Amended) The method of claim 8, wherein said control signal controls said first of said plurality of receiver stations to transmit said first information transmission to said second of said plurality of receiver stations to control said second of said plurality of receiver stations.

115. (Once Amended) The method of claim 13, wherein said at least one control signal controls said first of said data receiver stations to compare said data to a programming schedule and to transmit said data according to said programming schedule.

116. (Once Amended) The method of claim 13, wherein said at least one control signal transmits said data according to a programming schedule and logs transmission of said data.

117. (Once Amended) The method of claim 13, wherein said at least one control signal transmits said data according to a programming schedule and generates statistics pertaining to said data.

118. (Once Amended) The method of claim 13, wherein said at least one control signal transmits said data according to a programming schedule and identifies content of said data.

119. (Once Amended) A method of processing multimedia signals in a network including a transmission station and a receiver station, said receiver station having a storage device for storing multimedia programming, said storage device including two of an optical disk player, a video recorder/player, and a computer, said method comprising:

inputting to said network a plurality of signals, wherein at least two of said plurality of signals are multimedia signals, each of said multimedia signals including receiver station specific one of video, audio and data programming, said multimedia signals further including an embedded identifier;

inputting said plurality of signals to a switch and a processor at said transmission station;

controlling said switch to communicate said plurality of signals to said receiver station according to timing instructions;

identifying programming inputted to said switch;

communicating an instruct-to-coordinate signal to said receiver station;

delaying at least one of processing and communication of said multimedia signals in response to one of said instruct-to-coordinate signal and programming stored at said processor; and

presenting multimedia programming to a receiver at said receiver station at one of a specific time and a specific place in response to said instruct-to-coordinate signal, said multimedia programming contained in said multimedia signals.

120. (Once Amended) A method of processing signals to cause a plurality of receiver stations to function in different fashions, each of said plurality of receiver stations having a processor, said method comprising the steps of:

receiving an information transmission and communicating said information transmission to a storage device;

receiving a signal which is operative to cause each of said plurality of receiver stations to identify and process a portion of said information transmission, wherein said plurality of receiver stations one of (i) process a portion of said information transmission in different fashions and (ii) process different portion of said information transmission;

selecting one of the group consisting of:

- (1) a time at which to communicate said signal; and
- (2) a storage location to which to communicate said signal;

communicating said signal one of (i) at a selected time and (ii) to a selected storage location based on said step of selecting; and

storing said information transmission and said signal at said storage device,

wherein said method processes signals to causes said plurality of receiver stations to function in different fashions.

121. (Once Amended) The method of claim 13, wherein said at least one control signal transmits said data according to a programming schedule and outputs an identifier of said data to a remote data collection station.

122. (Once Amended) The method of claim 13, wherein said at least one control signal identifies content of said data and controls a switch to communicate said content.

123. (Once Amended) The method of claim 13, wherein said at least one control signal identifies one of said data and delays transmission of said one of said data.

124. (Once Amended) The method of claim 13, wherein said at least one control signal selects a storage location and stores one of said data at said selected storage location.

125. (Once Amended) The method of claim 13, wherein at least one control signal further delays transmission of one of said data.

126. (Once Amended) The method of claim 13, wherein said at least one control signal further controls said second of said data receiver stations to receive one of said data.

127. (Once Amended) The method of claim 13, wherein said at least one control signal transmits said data according to a transmission schedule and controls said second of said data receiver stations to store said data.

128. (Once Amended) The method of claim 13, wherein said at least one control signal causes said network to transmit said data at a specific time and to generate output information by processing said data.

129. (Once Amended) The method of claim 13, wherein said at least one control signal further generates information to complete content of said information transmission and outputs said generated information and said content.

130. (Once Amended) The method of claim 13, wherein at least one control signal controls said network to transmits said data according to a programming schedule and processes a response to information contained in said data.

131. (Once Amended) The method of claim 13, wherein said at least one control signal transmits said data according to a programming schedule and controls the output of said data at said second of said data receiver stations.

132. (Once Amended) The method of claim 13, wherein said at least one control signal decrypts a portion of said data.

133. (Once Amended) The method of claim 13, wherein said at least one control signal causes said network to transmit said data according to a schedule and outputs said data as a portion of a multimedia presentation by processing said data.

134. (Once Amended) The method of claim 13, wherein said first of said data receiver stations and said second of said data receiver stations each identify content of said data by processing said at least one control signal, said method further comprising the step of including an identifier in said at least one control signal.

135. (Once Amended) The method of claim 134, wherein said identifier identifies one of television and radio programming, said method further comprising the step of including said one of television and radio programming in said information transmission.

136. (Once Amended) The method of claim 134, wherein said identifier identifies one of video and audio, said method further comprising the step of including said one of video and audio in said information transmission.

137. (Once Amended) The method of claim 134, wherein said identifier identifies one of a datum and an instruction, said method further comprising the step of including said one of a datum and an instruction in said data.

138. (Once Amended) The method of claim 13, wherein said first of said data receiver stations and said second of said data receiver stations each monitor one of availability, use, and usage of content of said data, said method further comprising the step of including in said information transmission a portion of information to be processed that identifies said content of said data.

139. (Once Amended) The method of claim 138, wherein said portion of information is stored at said data storage device based on said step of transmitted.

140. (Once Amended) The method of claim 139, wherein said portion of information includes code which is operative to control said computer at each of said data receiver stations, said method further comprising the step of including said code in said at least one control signal.

141. (Once Amended) The method of claim 13, wherein one of said first of said data receiver stations and said second of said data receiver stations is programmed to process said at least one control signal based on one of a transmission location and time, said method further comprising the step of outputting said at least one control signal in said one of a transmission location and time.

142. (Once Amended) The method of claim 141, wherein said one of said first of said data receiver stations and said second of said data receiver stations is programmed to process said at least one control signal based on one of an interval of time and a predetermined time.

143. (Once Amended) The method of claim 141, wherein said one of said first of said data receiver stations and said second of said data receiver stations is programmed to process said at least one control signal based on a location in said information transmission.

144. (Once Amended) The method of claim 143, further comprising the step of embedding said at least one control signal in said information transmission.

145. (Once Amended) The method of claim 143, wherein said at least one control signal is transmitted from said origination station before a portion of said information transmission is transmitted.

146. (Once Amended) The method of claim 13, further comprising the step of:

including in one of said data and said at least one control signal a first portion of information which enables one of said data receiver stations to select one of a second portion of information and a device to which to communicate a second portion of information.

147. The method of claim 146, further comprising the steps of:
communicating said second portion of information to a storage device; and
storing said second portion of information.

148. (Once Amended) The method of claim 147, wherein said device to which to communicate said second portion of information comprises a computer and said second portion of information includes a first instruction to be communicated to said computer, said method further comprising the step of including said second portion of information in said at least one control signal.

149. (Once Amended) The method of claim 148, wherein signal content enables said one of said data receiver stations to communicate to a remote station information evidencing one of (i) receipt of a portion of said information transmission and (ii) a function performed in response to a portion of said information transmission, said method further comprising the step of including said signal content in one of said data and said at least one control signal.

150. (Once Amended) The method of claim 149, wherein said first portion of information controls said one of said data receiver stations and said signal content is communicated to said remote station, said method further comprising one step from the group consisting of:

including an identifier in said signal content;
including said signal content in said first portion of information; and
including said first portion of information in said at least one control signal.

151. (Once Amended) The method of claim 146, wherein said one of said data receiver stations includes a computer and a plurality of first instructions program

said computer to respond to one of a command and a second instruction, said method further comprising one of the group consisting of:

transmitting said plurality of first instructions; and

transmitting one of a command and a second instruction.

152. (Once Amended) The method of claim 13, wherein said at least one control signal controls said first of said data receiver stations to transmit said data to said second of said data receiver stations to control said second of said data receiver stations.

153. (Once Amended) The method of claim 18, wherein said at least one control signal controls said first of said programming receiver stations to compare said mass medium programming to a programming schedule and to transmit said mass medium programming according to said programming schedule.

154. (Once Amended) The method of claim 18, wherein said at least one control signal transmits said mass medium programming according to a programming schedule and logs transmission of said mass medium programming.

155. (Once Amended) The method of claim 18, wherein said at least one control signal transmits said mass medium programming according to a programming schedule and generates statistics pertaining to said mass medium programming.

156. (Once Amended) The method of claim 18, wherein said at least one control signal transmits said mass medium programming according to a programming schedule and identifies content of said mass medium programming.

157. (Once Amended) The method of claim 18, wherein said at least one control signal transmits said mass medium programming according to a programming schedule and outputs an identifier of said mass medium programming to a remote data collection station.

158. (Once Amended) The method of claim 18, wherein said at least one control signal identifies content of said mass medium programming and controls a switch to communicate said content.

159. (Once Amended) The method of claim 18, wherein said at least one control signal identifies content of said mass medium programming and delays transmission of said content.

160. (Once Amended) The method of claim 18, wherein said at least one control signal selects a storage location and stores a portion of said mass medium programming at said selected storage location.

161. (Once Amended) The method of claim 18, wherein said at least one control signal further delays transmission of said mass medium programming.

162. (Once Amended) The method of claim 18, wherein said at least one control signal further controls said second of said programming receiver stations to receive said mass medium programming.

163. (Once Amended) The method of claim 18, wherein said at least one control signal transmits said mass medium programming according to a transmission schedule and controls said second of said programming receiver stations to store said mass medium programming.

164. (Once Amended) The method of claim 18, wherein said at least one control signal controls said network to transmit said mass medium programming at a specific time and to generate and output information.

165. (Once Amended) The method of claim 18, wherein said at least one control signal controls said network to generate information to complete said mass medium programming and to output said generated information with said mass medium programming.

166. (Once Amended) The method of claim 18, wherein at least one control signal controls said network to transmits said mass medium programming according to

a programming schedule and processes a response at said second of said programming receiver stations to information contained in said information transmission.

167. (Once Amended) The method of claim 18, wherein said at least one control signal transmits said mass medium programming according to a programming schedule and controls the output of said mass medium programming at said second of said programming receiver stations.

168. (Once Amended) The method of claim 18, wherein said at least one control signal decrypts a portion of said mass medium programming.

169. (Once Amended) The method of claim 18, wherein said at least one control signal transmits said mass medium programming according to a schedule and outputs said mass medium programming as a portion of a multimedia presentation.

170. (Once Amended) The method of claim 18, wherein said first of said programming receiver stations and said second of said programming receiver stations each identify content of said mass medium programming by processing said at least one control signal, said method further comprising the step of including an identifier in said at least one control signal.

171. (Once Amended) The method of claim 170, wherein said identifier identifies one of television and radio programming, said method further comprising the step of including said one of television and radio programming in said mass medium programming.

172. (Once Amended) The method of claim 170, wherein said identifier identifies one of video and audio, said method further comprising the step of including said one of video and audio in said mass medium programming.

173. (Once Amended) The method of claim 170, wherein said identifier identifies one of a datum and an instruction, said method further comprising the step of including said one of a datum and an instruction in said mass medium programming.

174. (Once Amended) The method of claim 18, wherein said first of said programming receiver stations and said second of said programming receiver stations each monitor one of availability, use, and usage of content of said mass medium programming, said method further comprising the step of including in said information transmission a portion of information to be processed that identifies said content of said mass medium programming.

175. (Once Amended) The method of claim 174, wherein said portion of information is stored at a storage device based on said step of transmitting.

176. (Once Amended) The method of claim 175, wherein said portion of information includes code which is operative to control said processor at each of said programming receiver stations, said method further comprising the step of including said code in said at least one control signal.

177. (Once Amended) The method of claim 18, wherein one of said first of said programming receiver stations and said second of said programming receiver stations is programmed to process said at least one control signal based on one of a transmission location and time, said method further comprising the step of outputting said at least one control signal in said one of a transmission location and time.

178. (Once Amended) The method of claim 177, wherein said one of said first of said programming receiver stations and said second of said programming receiver stations is programmed to process said at least one control signal based on one of an interval of time and a predetermined time.

179. (Once Amended) The method of claim 177, wherein said one of said first of said programming receiver stations and said second of said programming receiver stations is programmed to process said at least one control signal based on a location in said information transmission.

180. (Once Amended) The method of claim 179, further comprising the step of embedding said at least one control signal in said information transmission.

181. (Once Amended) The method of claim 180, further comprising the step embedding a portion of said mass medium programming before said mass medium programming is transmitted.

182. (Once Amended) The method of claim 18, further comprising the step of:

including in one of said mass medium programming and said at least one control signal a first portion of information which enables one of said programming receiver stations to select one of a second portion of information and a device to which to communicate a second portion of information.

183. (Once Amended) The method of claim 182, further comprising the steps of:

communicating said second portion of information to a storage device; and
storing said second portion of information.

184. (Once Amended) The method of claim 183, wherein said device to which to communicate said second portion of information comprises a computer and said second portion of information includes a first instruction to be communicated to said computer, said method further comprising the step of including said second portion of information in said at least one control signal.

185. (Once Amended) The method of claim 184, wherein signal content enables said one of said programming receiver stations to communicate to a remote station information evidencing one of (i) receipt of a portion of said information transmission and (ii) a function performed in response to a portion of said information transmission, said method further comprising the step of including said signal content in one of said mass medium programming and said at least one control signal.

186. (Once Amended) The method of claim 185, wherein said first portion of information controls said one of said programming receiver stations and said signal

content is communicated to said remote station, said method further comprising one step from the group consisting of:

- including an identifier in said signal content;
- including said signal content in said first portion of information; and
- including said first portion of information in said at least one control signal.

187. (Once Amended) The method of claim 182, wherein said one of said programming receiver stations includes a computer and a plurality of first instructions program said computer to respond to one of a command and a second instruction, said method further comprising one step of the group consisting of:

- transmitting said plurality of first instructions; and
- transmitting said one of a command and a second instruction.

188. (Once Amended) The method of claim 18, wherein said at least one control signal controls said first of said programming receiver stations to transmit said mass medium programming to said second of said programming receiver stations to control said second of said programming receiver stations.

189. (Once Amended) The method of claim 23, wherein said at least one control signal controls said first of said receiver stations to compare said information transmission to a programming schedule and to transmit said information transmission according to said programming schedule.

190. (Once Amended) The method of claim 23, wherein said at least one control signal transmits said information transmission according to a programming schedule and logs transmission of said information transmission.

191. (Once Amended) The method of claim 23, wherein said at least one control signal transmits said information transmission according to a programming schedule and generates statistics pertaining to said information transmission.

192. (Once Amended) The method of claim 23, wherein said at least one control signal transmits said information transmission according to a programming schedule and identifies content of said information transmission.

193. (Once Amended) The method of claim 23, wherein said at least one control signal transmits said information transmission according to a programming schedule and outputs an identifier of said information transmission to a remote data collection station.

194. (Once Amended) The method of claim 23, wherein said at least one control signal identifies content of said information transmission and controls a switch to communicate said content.

195. (Once Amended) The method of claim 23, wherein said at least one control signal identifies content of said information transmission and delays transmission of said content.

196. (Once Amended) The method of claim 23, wherein said at least one control signal selects a storage location and stores a portion of said information transmission at said selected storage location.

197. (Once Amended) The method of claim 23, wherein said at least one control signal further delays transmission of said information transmission.

198. (Once Amended) The method of claim 23, wherein said at least one control signal further controls said second of said receiver stations to receive said information transmission.

199. (Once Amended) The method of claim 23, wherein said at least one control signal transmits said information transmission according to a transmission schedule and controls said second of said receiver stations to store said information transmission.

200. (Once Amended) The method of claim 23, wherein said at least one control signal controls said network to transmit said information transmission at a specific time and to generates output information.

201. (Once Amended) The method of claim 23, wherein said at least one control signal controls said network to generate information to complete said information transmission and to output said generated information with said information transmission.

202. (Once Amended) The method of claim 23, wherein at least one control signal controls said network to transmit said information transmission according to a programming schedule and to process a response at said second of said programming receiver stations to information contained in said information transmission.

203. (Once Amended) The method of claim 23, wherein said at least one control signal transmits said information transmission according to a programming schedule and controls the output of said information transmission at said second of said receiver stations.

204. (Once Amended) The method of claim 23, wherein said at least one control signal decrypts a portion of said information transmission.

205. (Once Amended) The method of claim 23, wherein said at least one control signal transmits said information transmission according to a schedule and outputs said information transmission as a portion of a multimedia presentation.

206. (Once Amended) The method of claim 23, wherein said first of said receiver stations and said second of said receiver stations each identify content of said information transmission by processing one of said at least one control signal and said at least one designation signal, said method further comprising the step of including an identifier in said one of said at least one control signal and said at least one designation signal.

207. (Once Amended) The method of claim 206, wherein said identifier identifies one of television and radio programming, said method further comprising the

step of including said one of television and radio programming in said information transmission.

208. (Once Amended) The method of claim 206, wherein said identifier identifies one of video and audio, said method further comprising the step of including said one of video and audio in said information transmission.

209. (Once Amended) The method of claim 206, wherein said identifier identifies one of a datum and an instruction, said method further comprising the step of including said one of a datum and an instruction in said information transmission.

210. (Once Amended) The method of claim 23, wherein said first of said receiver stations and said second of said receiver stations each monitor one of availability, use, and usage of content of said information transmission, said method further comprising the step of including in said information transmission a portion of information to be processed that identifies said content of said information transmission.

211. (Once Amended) The method of claim 210, wherein said portion of information is stored at a storage device based on said step of transmitting.

212. (Once Amended) The method of claim 211, wherein said portion of information includes code which is operative to control said processor at each of said receiver stations, said method further comprising the step of including said code in one of said at least one control signal and said at least one of said designation channel..

213. (Once Amended) The method of claim 23, wherein one of said first of said receiver stations and said second of said receiver stations is programmed to process one of said at least one control signal and said at least one designation signal based on one of a transmission location and time, said method further comprising the step of outputting said one of said at least one control signal and said designation signal in said one of a transmission location and time.

214. (Once Amended) The method of claim 213, wherein said one of said first of said receiver stations and said second of said receiver stations is programmed to

process said one of said at least one control signal and said designation signal based on one of an interval of time and a predetermined time.

215. (Once Amended) The method of claim 213, wherein said one of said first of said receiver stations and said second of said receiver stations is programmed to process one of said at least one control signal and said at least one designation signal based on a location in said information transmission.

216. (Once Amended) The method of claim 215, further comprising the step of embedding said one of said at least one control signal and said at least one designation signal in said information transmission.

217. (Once Amended) The method of claim 215, further comprising the step of embedding a portion of said information transmission before said information transmission is transmitted.

218. (Once Amended) The method of claim 23, further comprising the step of:

including in one of said information transmission a first portion of information which enables one of said receiver stations to select one of a second portion of information and a device to which to communicate a second portion of information.

219. (Once Amended) The method of claim 218, wherein said at least one control signal is addressed to a device in said at least one receiver station, said method further comprising one of the group consisting of:

including said first portion of information in said at least one designation signal;
and

including said second portion of information signal in said at least one control signal.

220. (Once Amended) The method of claim 219, wherein said device to which to communicate said second portion of information comprises a computer and

said second portion of information includes a first instruction to be communicated to said computer.

221. (Once Amended) The method of claim 220, wherein signal content enables said one of said receiver stations to communicate to a remote station information evidencing one of (i) receipt of a portion of said information transmission and (ii) a function performed in response to a portion of said information transmission, said method further comprising the step of including said signal content in said information transmission.

222. (New Claim) The method of claim 221, wherein said first portion of information controls said one of said receiver stations and said signal content is communicated to said remote station, said method further comprising one step from the group consisting of:

- including an identifier in said signal content;
- including said signal content in said first portion of information;
- including said first portion of information in said at least one control signal; and
- including said at least one designation signal in said at least one control signal.

223. (New Claim) The method of claim 218, wherein said one of said receiver stations includes a computer and a plurality of first instructions program said computer to respond to one of a command and a second instruction, said method further comprising one step from the group consisting of:

- transmitting said plurality of first instructions; and
- transmitting one of a command and a second transmission.

224. (New Claim) The method of claim 23, wherein said at least one control signal controls said first of said receiver stations to transmit said information transmission to said second of said receiver stations to control said second of said receiver stations.

225. (New Claim) The method of claim 2, wherein said step of logging includes constructing a record.

226. (New Claim) The method of claim 225, wherein said identifier identifies one of a plurality of channels and a record is constructed for each of said plurality of channels.

227. (New Claim) The method of claim 225, further comprising the step of transmitting said record to a remote site.

228. (New Claim) The method of claim 26, wherein said signal is contained in a television programming transmission.

229. (New Claim) The method of claim 26, wherein said signal includes an identifier.

230. (New Claim) The method of claim 229, wherein said network transmits one of said signal and said identifier via telephone network.

231. (New Claim) The method of claim 26, wherein said step of comparing is performed at said transmitter station.

232. (New Claim) The method of claim 26, wherein one of said step of comparing and said step of determining is performed at said receiver station.

233. (New Claim) The method of claim 26, wherein said step of determining includes determining one of a channel and a frequency.

234. (New Claim) The method of claim 26, wherein said step of determining includes determining a portion of a broadband information transmission.

235. (New Claim) The method of claim 26, wherein said step of determining includes determining a location from which signal is transmitted or is to be transmitted.

236. (New Claim) The method of claim 31, further comprising the step of storing said selected portion of said signal.

237. (New Claim) The method of claim 31, wherein said selected portion of said signal includes said first identifier.

238. (New Claim) The method of claim 31, further comprising the step of tuning to receive programming contained in said signal based on one of said first identifier and said step of selecting.

239. (New Claim) The method of claim 36, further comprising the step of tuning to receive said programming.

240. (New Claim) The method of claim 239, further comprising the step of inputting said programming to a computer.

241. (New Claim) The method of claim 41, further comprising the step of selecting a second of said plurality of signals according to said schedule.

242. (New Claim) The method of claim 41, further comprising the step of responding to said signal.

243. (New Claim) The method of claim 242, wherein said step of responding to said signal is performed at said transmission station.

244. (New Claim) The method of claim 41, wherein said step of outputting is performed at said transmission station.

245. (New Claim) The method of claim 41, wherein said step of outputting is performed at a receiver station.

246. (New Claim) The method of claim 245, wherein said receiver station receives said signal from said transmission station.

247. (New Claim) The method of claim 41, further comprising the step of communicating said signal to an addressed device.

248. (New Claim) The method of claim 247, wherein said step of communicating is based on said step of identifying.

249. (New Claim) The method of claim 46, further comprising selecting a second of said plurality of signals according to said schedule.

250. (New Claim) The method of claim 64, further comprising the steps of:
selecting a storage location, and
storing said signal at said storage location.

251. (New Claim) The method of claim 64, wherein said signal is one of a plurality of signals.

252. (New Claim) The method of claim 251, further comprising the step of reordering said plurality of signals.

253. (New Claim) The method of claim 65, wherein said plurality of signals include audio programming and data programming.

254. (New Claim) The method of claim 65, wherein said one signal includes one of audio programming and data programming.

255. (New Claim) The method of claim 65, wherein said plurality of signals include video programming and audio programming for simultaneous output to a viewer and said one signal includes audio programming.

256. (New Claim) The method of claim 70, wherein said signal is one of a plurality of signals.

257. (New Claim) The method of claim 256, further comprising the step of storing said plurality of signals in an order.

258. (New Claim) The method of claim 256, further comprising the step of reordering said plurality of signals.

259. (New Claim) The method of claim 75, wherein said processor is located at a receiver station remote from said transmission station.

260. (New Claim) The method of claim 80, wherein said selected information is detected in said comparison signal.

261. (New Claim) The method of claim 80, wherein said comparison signal includes a plurality of identifiers.

262. (New Claim) The method of claim 80, wherein said receiver station includes a plurality of receivers.

263. (New Claim) The method of claim 262, further comprising the steps of: receiving said selected information at a first of said plurality of receivers, and receiving said portion of said information transmission at a second of said plurality of receivers.

264. (New Claim) The method of claim 80, wherein said step of receiving includes actuating a receiver.

265. (New Claim) The method of claim 80, wherein said step of receiving includes controlling a tuner.

266. (New Claim) The method of claim 80, wherein said step of receiving includes controlling a storage device.

267. (New Claim) The method of claim 80, wherein said selected information is detected in said information transmission.

268. (New Claim) The method of claim 80, wherein said programming signal includes an identifier.

269. (New Claim) The method of claim 80, wherein said programming signal includes said comparison signal.

270. (New Claim) The method of claim 85, wherein said step of causing includes one of selecting a frequency and tuning a receiver.

271. (New Claim) The method of claim 85, wherein said step of causing includes identifying said one of said plurality of signals.

272. (New Claim) The method of claim 88, further comprising the step of programming said computer to respond to at least one control signal embedded in a television signal.

273. (New Claim) The method of claim 88, further comprising the step of programming said transmission station to detect at least one control signal embedded in a television signal.

274. (New Claim) The method of claim 93, wherein said user response is inputted by a computer.

275. (New Claim) The method of claim 93, wherein said user response is inputted by a viewer.

276. (New Claim) The method of claim 93, further comprising the step selecting one of said plurality of signals based on said user response.

277. (New Claim) The method of claim 276, further comprising the step of outputting information at said user station based on said step of selecting.

278. (New Claim) The method of claim 277, further comprising the step of detecting said outputted information in said selected one of said plurality of signals.

279. (New Claim) The method of claim 277, further comprising the step of generating said outputted information in response to said selected one of said plurality of signals.

280. (New Claim) The method of claim 98, wherein said timing instruction includes a schedule.

281. (New Claim) The method of claim 280, further comprising the step of causing said transmission station to transmit said plurality of signals in accordance with said schedule.

282. (New Claim) The method of claim 280, further comprising the step of detecting an identifier in said plurality of signals.

283. (New Claim) The method of claim 282, further comprising the step of comparing said identifier to information contained in said schedule.

284. (New Claim) The method of claim 98, further comprising the step of including an instruct-to-coordinate signal in said plurality of signals.

285. (New Claim) The method of claim 284, wherein said instruct-to-coordinate signal includes an identifier.

286. (New Claim) The method of claim 98, further comprising the step reordering two of said plurality of signals.

287. (New Claim) The method of claim 103, wherein said timing instruction causes said transmitter station to transmit one of said plurality of signals immediately.

288. (New Claim) The method of claim 103, wherein said timing instruction causes said transmitter station to delay transmission of one of said plurality of signals.

289. (New Claim) The method of claim 103, further comprising the step comparing information contained in said plurality of signals to a portion of said timing instruction.

290. (New Claim) The method of claim 289, wherein said information contained in said plurality of signals includes a first identifier and said portion of said timing instruction includes a second identifier.

291. (New Claim) The method of claim 103, wherein said multimedia presentation includes programming communicated in a first of said multimedia signals.

292. (New Claim) The method of claim 291, further comprising the step of generating a portion of said multimedia presentation in response to a second of said multimedia signals.

293. (New Claim) The method of claim 103, further comprising the step of communicating a request from said receiver station for information needed at said receiver station to output a portion of said multimedia presentation.

294. (New Claim) The method of claim 108, further comprising the step of recognizing an order in which said plurality of signals are one of stored, communicated, and processed.

295. (New Claim) The method of claim 108, further comprising the step organizing files containing said plurality of signals.

296. (New Claim) The method of claim 108, wherein said processor is controlled on the basis of an identifier.

297. (New Claim) The method of claim 296, further comprising the step of programming said processor to compare a portion of said plurality of signals to said identifier.

298. (New Claim) The method of claim 296, further comprising the step of comparing each of said plurality of signals to said identifier.

299. (New Claim) The method of claim 296, wherein said plurality of signals includes said identifier.

300. (New Claim) The method of claim 108, further comprising the step of determining one of a programming kind and subject matter contained in said plurality of signals.

301. (New Claim) The method of claim 120, wherein a first of said plurality of receiver stations is caused to transit said portion of said information transmission based on said signal and a second of said plurality of receiver stations is caused to store portion of said information transmission based on said signal.

302. (New Claim) The method of claim 120, wherein said first of said plurality of receiver stations is caused to select one of a plurality of transmitters and communicate said portion of said information transmission to said selected one of said plurality of transmitters.

303. (New Claim) The method of claim 120, wherein one of said plurality of receiver stations is caused to receive said portion of said information transmission based on said signal.